

What is claimed is:

1. A method of providing a fire barrier comprising coating an opening in a structure with a composition comprising an elastomer, said composition being substantially free of volatile organic compounds and, when dry, exhibiting a tensile strength of from about 300 psi to about 1500 psi, at least about 600 % elongation, a modulus of from about 200 psi to about 600 psi, and a tensile toughness of greater than 10 in-lb.
- 5 2. The method of claim 1, further comprising spraying said composition on said structure and across said opening.
3. The method of claim 1, further comprising propelling said composition from an aerosol container onto said structure and across said opening.
- 10 4. The method of claim 1, wherein said structure comprises a joint comprising a first substrate and a second substrate, said opening being disposed between said first substrate and said second substrate.
- 15 5. The method of claim 4, wherein said structure further comprises a fire retardant component disposed within said opening.
- 20 6. The method of claim 1, wherein said method provides a fire barrier capable of passing at least one of Fire Test No. 1, Fire Test No. 2, and Fire Test No. 3.
- 25 7. The method of claim 1, wherein said composition is capable of passing at least one test selected from the group consisting of Fire Test No. 1, Fire Test No. 2 and Fire Test No. 3, when installed in the fire rated construction of the test.

8. A method of providing a fire barrier comprising coating an opening in a structure with a composition comprising a carboxylated elastomer, said composition being water reducible and, when dry, exhibiting a toughness of at least about 20 in-lb.

5 9. The method of claim 8, wherein said composition, when dry, exhibits at least about 600 % elongation.

10. The method of claim 8, wherein said composition, when dry, exhibits a tensile strength of from about 300 psi to about 1500 psi.

10 11. The method of claim 8, wherein said composition, when dry, exhibits a toughness of at least about 30 in-lb.

15 12. The method of claim 8, wherein said elastomer is selected from the group consisting of polychloroprene, styrene butadiene rubber and mixtures thereof.

13. The method of claim 8, wherein said composition is substantially free of volatile organic compounds.

20 14. The method of claim 8, wherein said method provides a fire barrier capable of passing at least one of Fire Test No. 1, Fire Test No. 2, and Fire Test No. 3.

25 15. The method of claim 8, wherein said composition is capable of passing at least one test selected from the group consisting of Fire Test No. 1, Fire Test No. 2 and Fire Test No. 3, when installed in the fire rated construction of the test.

30 16. A method of providing a fire barrier comprising coating an opening in a structure with a composition comprising a carboxylated elastomer, said composition being water reducible and, when dry, exhibiting a modulus of from about 200 psi to about 600 psi and a toughness of greater than 10 in-lb.

17. The method of claim 16, wherein said composition exhibits at least about 600 % elongation.

18. The method of claim 16, wherein said composition exhibits a modulus of
5 from about 200 psi to about 300 psi.

19. The method of claim 16, wherein said elastomer is selected from the group consisting of polychloroprene, styrene butadiene rubber and mixtures thereof.

20. The method of claim 16, wherein said method provides a fire barrier
10 capable of passing at least one of Fire Test No. 1, Fire Test No. 2, and Fire Test No. 3.

21. A method of providing a fire barrier comprising coating an opening in a
structure with a composition comprising a carboxylated elastomer, said composition being
15 water reducible and, when dry, exhibiting a tensile strength of from about 300 psi to about 1500 psi and a toughness of greater than 10 in-lb.

22. The method of claim 21, wherein said composition exhibits at least about 600 % elongation.

23. The method of claim 21, wherein said composition exhibits a modulus of
20 from about 200 psi to about 600 psi.

24. The method of claim 21, wherein said elastomer is selected from the group
25 consisting of polychloroprene, styrene butadiene rubber and mixtures thereof.

25. The method of claim 21, wherein said method provides a fire barrier
capable of passing at least one of Fire Test No. 1, Fire Test No. 2, and Fire Test No. 3.

224/ 5 26. A device capable of spraying a composition, said device comprising:
a chamber; and
a composition comprising an elastomer, said composition being
substantially free of volatile organic compounds and, when dry, exhibiting a tensile
strength of from about 300 psi to about 1500 psi, at least about 600 % elongation, a
modulus of from about 200 psi to about 600 psi, and a tensile toughness of greater
than 10 in-lb.

10 27. An aerosol container according to the device of claim 26, wherein said
container further comprises a propellant.

28. The aerosol container of claim 27, wherein said propellant comprises a
fluorocarbon.

15 29. A device capable of spraying a composition, said device comprising:
a chamber; and
a composition comprising a carboxylated elastomer, said composition being
water reducible and, when dry, exhibiting a toughness of at least about 20 in-lb.

20 30. An aerosol container according to the device of claim 29, wherein said
container further comprises a propellant.

25 31. A device capable of spraying a composition, said device comprising:
a chamber; and
a composition comprising a carboxylated elastomer, said
composition being water reducible and, when dry, exhibiting a modulus of
from about 200 psi to about 600 psi and a toughness of greater than 10 in-
lb.

30 32. An aerosol container according to the device of claim 31, wherein said
container further comprises a propellant.

33. A device capable of spraying a composition, said device comprising:
a chamber; and
a composition comprising a carboxylated elastomer, said composition being
water reducible and, when dry, exhibiting a tensile strength of from about 300 psi
to about 1500 psi and a toughness of greater than 10 in-lb.

34. An aerosol container according to the device of claim 33, wherein said
container further comprises a propellant.